<u>Patent</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filed: August 7, 2003) Examiner: not yet assigned

) Our Ref: B-4505NP 620843-6

For: "USE OF SILICON BLOCK PROCESS

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TRANSISTOR"

) Date: April 23, 2004

Commissioner for Patents P.O. Box 1450 Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003, with the exception of U.S Patent Application No. 09/696,826, U.S. Patent Application No. 10/735,841, and U.S. Patent Application No. 10/789,261 because these applications have not yet been published.

Please note that U.S. Patent Application No. 09/758,792, listed in bold type on the enclosed Form PTO-1449 (modified), is under secrecy order. A copy of this document was not available to the undersigned, and therefore a copy is not provided herewith.

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s):

08/869,824, filed June 6, 1997 (now U.S. Patent No. 5,973,375);
09/696,826, filed October 25, 2000; 09/882,892, filed June 15,
2001 (published as U.S. Patent Application Publication No.
2002/0190355 A1); 10/132,523, filed April 24, 2002 (published as
U.S. Patent Application Publication No. 2002/0173131 A1);
10/735,841, filed December 12, 2003; 10/789,261, filed February
26, 2004; and 09/758,792, the inventor and filing date of which is
unknown. Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004,
paragraph 9, the applicant brings these co-pending applications to
the attention of the Examiner. The Examiner should consider this
information during the prosecution of the above-identified
application. However, citation of these applications does not
constitute an admission that the claims of the present application
are substantially similar or similar to those of the applications
listed above.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US03/30212 (8 pages). A copy of the International Search Report is enclosed herewith.

The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for a related PCT application no. PCT/US02/19075 (2 pages). A copy of the International Search Report is enclosed herewith.

Japanese Document No. 02-046762 is not in English. An English-language explanation of the relevance of Japanese Document No. 02-046762 can be found in the enclosed English-language abstract.

Japanese Document No. 02-237038 is not in English. An English-language explanation of the relevance of Japanese Document No. 02-

237038 can be found in the enclosed English-language abstract.

Japanese Document No. 04-028092 is not in English. An English-language explanation of the relevance of Japanese Document No. 04-028092 can be found in the enclosed English-language abstract.

Japanese Document No. 10-256398 is not in English. An English-language explanation of the relevance of Japanese Document No. 10-256398 can be found in the enclosed English-language abstract.

Japanese Document No. 58-190064 is not in English. An English-language explanation of the relevance of Japanese Document No. 58-190064 can be found in the enclosed English-language abstract.

Japanese Document No. 61-147551 is not in English. An English-language explanation of the relevance of Japanese Document No. 61-147551 can be found in the enclosed English-language abstract.

Japanese Document No. 63-129647 is not in English. An English-language explanation of the relevance of Japanese Document No. 63-129647 can be found in the enclosed English-language abstract.

World Intellectual Property Organization Publication Document No. 00/44012 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 00/44012 can be found in the enclosed English-language abstract.

World Intellectual Property Organization Publication Document No. 98/21734 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 98/21734 can be found in the

enclosed English-language abstract.

World Intellectual Property Organization Publication Document No. 98/57373 is not in English. A concise English-language explanation of the relevance of World Intellectual Property Organization Publication Document No. 98/57373 can be found in the enclosed English-language abstract.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450",

on April 23, 2004 by Shana Morda.

Respectfully submitted,

Ross A. Schmitt Attorney for Applicant Reg. No. 42,529

LADAS & PARRY 5670 Wilshire Boulevard Suite 2100 Los Angeles, CA 90036 (323) 934-2300

Enclosures: Form PTO-1449 (modified) (11 pages)

Copy of Search Report for PCT/US03/30212 (8 pages) Copy of Search Report for PCTUS02/19075 (2 pages) Copy of Non-U.S. Patent and Non-boldface documents listed on Form PTO-1449 (modified), with the exception of U.S. Patent Application No. 09/696,826, 10/735,841, and 10/789,261 Information Disclosure potentuss 10/637,848 April 23, 2004

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LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS Lap-Wai CHOW, et al.	
STATEMENT	FILING DATE August 7, 2003	GROUP 2814

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				U.S.	PATENT	DOCUMENTS
EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	09/696,826		Baukus et al.			10/25/2000
	09/758,792					
	10/735,841		Chow et al.			12/13/2003
	10/789,261		Baukus et al.			02/26/2004
	2002/0173131 A1	11/2002	Clark Jr. et al.	438	598	
	2002/0190355 A1	12/2002	Baukus et al.	257	668	
	3,673,471	06/1972	Klein et al.	257	407	
	3,946,426	03/1976	Sanders	357	71	
	4,017,888	04/1977	Christie et al.	357	54	
	4,101,344	7/1978	Kooi et al.	148	1.5	
	4,139,864	02/1979	Vetter	358	188	
	4,164,461	08/1979	Schilling	204	192 EC	
	4,196,443	04/1980	Dingwall	257	774	*****
	4,267,578	05/1981	Vetter	364	709	
	4,291,391	09/1981	Chatterjee et al.	365	184	
	4,295,897	10/1981	Tubbs et al.	148	1.5	
	4,314,268	02/1982	Yoshioka et al.	357	48	
	4,317,273	03/1982	Guterman et al.	29	571	

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<u>U.S.</u> PATENT DOCUMENTS EXAMINER ISSUE CLASS NAME FILING DATE SUB-DOCUMENT NUMBER DATE CLASS or 102(e) INITIAL DATE IF APPROPRIATE 4,322,736 03/1982 Sasaki et al. 257 369 4,374,454 02/1983 Jochems 29 571 4,409,434 10/1983 Basset et al. 380 265 4,435,895 03/1984 Parillo 29 571 4,471,376 09/1984 Morcom et al. 357 71 4,581,628 04/1986 Miyauchi et al. 357 71 4,583,011 04/1986 Pechar 307 440 4,603,381 07/1986 Guttag et al. 364 200 4,623,255 11/1986 Suszko 356 389 4,727,493 02/1988 Taylor, Sr. 364 490 4,766,516 08/1988 Ozdemir et al. 361 380 4,799,096 01/1989 Koeppe 357 42 4,821,085 04/1989 Haken et al. 357 67 4,830,974 05/1989 Chang et al. 437 34

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Form PTO-1449 (Modified) Page 3 of 11	ATTY DOCKET NO. B-4505NP 620843-6	U.S. SERIAL NO. 10/637,848
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U.S. PATENT DOCUMENTS EXAMINER FILING DATE or 102(e) ISSUE NAME CLASS SUB-DOCUMENT NUMBER DATE CLASS INITIAL DATE IF APPROPRIATE 4,939,567 07/1990 Kenney 257 383 4,975,756 12/1990 Haken et al. 357 4.1 4,998,151 03/1991 Korman et al. 257 328 4,962,484 10/1990 Takeshima et al. 365 226 5,030,796 07/1991 Swanson et al. 174 52.2 5,050,123 09/1991 Castro 365 53 5,061,978 10/1991 Mizutani et al. 357 30 5,065,208 11/1991 Shah et al. 357 34 5,068,697 11/1991 Noda et al. 357 23.5 5,070,378 12/1991 Yamagata 357 23.5 5,101,121 03/1992 307 Sourgen 465 5,117,276 05/1992 Thomas et al. 357 71 5,121,089 06/1992 Larson et al. 333 107 5,121,186 06/1992 Wong et al. 257 384

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Form PTO-1449 (Modified) Page 4 of 11	ATTY DOCKET NO. B-4505NP 620843-6	U.S. SERIAL NO. 10/637,848
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STATEMENT	FILING DATE August 7, 2003	GROUP 2814

U.S. PATENT DOCUMENTS **EXAMINER** ISSUE NAME CLASS SUB-FILING DATE DOCUMENT NUMBER or 102(e) DATE CLASS INITIAL DATE IF APPROPRIATE 5,132,571 07/1992 McCollum et al. 307 465.1 5,138,197 08/1992 Kuwana 307 449 5,146,117 09/1992 307 Larson 465 5,168,340 12/1992 Nishimura 357 376 5,177,589 01/1993 Kobayashi et al. 257 773 5,202,591 04/1993 Walden 307 450 5,225,699 07/1993 Nakamura 257 306 5,227,649 07/1993 Chapman 257 204 5,231,299 07/1993 Ning et al. 257 316 5,302,539 04/1994 Haken et al. 437 41 5,308,682 05/1994 Morikawa 428 195 5,309,015 05/1994 Kuwata et al. 257 659 5,317,197 05/1994 Roberts 257 401 5,336,624 08/1994 Walden 437 34

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U.S. PATENT DOCUMENTS EXAMINER ISSUE NAME CLASS SUB-FILING DATE DOCUMENT NUMBER or 102(e)
DATE IF
APPROPRIATE DATE CLASS INITIAL 5,341,013 08/1994 Koyanagi et al. 257 368 5,345,105 9/1994 Sun et al. 257 659 5,354,704 10/1994 Yang et al. 437 52 5,369,299 11/1994 Byrne et al. 257 638 5,371,390 12/1994 Mohsen 257 209 5,376,577 12/1994 Roberts et al. 437 52 5,384,472 01/1995 Yin 257 204 5,384,475 1/1995 Yahata 257 314 5,399,441 03/1995 Bearinger et al. 428 689 5,404,040 Hshieh et al. 04/1995 257 341 5,412,237 ,05/1995 Komori et al. 257 306 5,441,902 08/1995 Hsieh et al. 437 34 5,468,990 11/1995 Daum 257 632 5,475,251 12/1995 Kuo et al. 257 316

EXAMINER	DATE CONSIDERED	

5,721,150

5,783,375

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U.S. PATENT

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DOCUMENTS

EXAMINER ISSUE NAME CLASS FILING DATE DOCUMENT NUMBER DATE CLASS or 102(e) INITIAL DATE IF APPROPRIATE 5,506,806 04/1996 Fukushima 365 195 5,531,018 07/1996 Saia et al. 29 622 5,539,224 07/1996 Ema 257 211 5,541,614 07/1996 Lam et al. 343 792.5 5,571,735 11/1996 Mogami et al. 437 41 5,576,988 11/1996 Kuo et al. 365 185.0 4 5,611,940 03/1997 73 Zettler 514.1 6 5,638,946 06/1997 200 Zavracky 181 5,677,557 Wuu et al. 10/1997 257 382 5,679,595 10/1997 Chen et al. 437 52 5,719,422 02/1998 Burr et al. 257 336 5,719,430 02/1998 Goto 257 403

EXAMINER	DATE CONSIDERED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS EXAMINER ISSUE NAME CLASS SUB-FILING DATE DOCUMENT NUMBER or 102(e)
DATE IF
APPROPRIATE DATE CLASS INITIAL 5,783,846 07/1998 Baukus et al. 257 204 5,821,590 10/1998 Lee et al. 257 377 5,834,356 11/1998 Bothra et al. 438 384 5,838,047 03/1999 Yamauchi et al. 257 372 5,854,510 12/1998 Sur, Jr. et al. 257 529 5,866,933 02/1999 Baukus et al. 257 368 5,880,503 03/1999 Matsumoto et al. 257 372 5,888,887 03/1999 Li et al. 438 525 5,895,241 4/1999 Lu et al. 438 275 5,920,097 07/1999 Horne 257 368 5,930,663 07/1999 Baukus et al. 438 598 5,930,667 7/1999 Oda 438 622 5,973,375 10/1999 Baukus et al. 257 399 5,977,593 11/1999 Hara 257 356 5,998,257 12/1999 Lane et al. 438 253

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				U.S.	PATENT	DOCUMENTS
EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,037,627	03/2000	Kitamura et al.	257	324	
	6,046,659	04/2000	Loo et al.	333	262	
	6,054,659	04/2000	Lee et al.	200	181	
	6,057,520	05/2000	Goodwin-Johansson	200	181	
	6,064,110	5/2000	Baukus et al.	257	652	
	6,080,614	6/2000	Neilson et al.	438	238	
	6,093,609	7/2000	Chuang	438	286	
	6,117,762	09/2000	Baukus et al.	438	618	
	6,137,318	10/2000	Takaaki	326	112	
	6,154,388	11/2000	Oh	365	185.0 4	
	6,215,158 B1	04/2001	Choi	257	368	
	6,294,816 B1	09/2001	Baukus et al.	257	368	
	6,326,675 B1	12/2001	Scott et al.	257	608	
	6,365,453 B1	4/2002	Deboer et al.	438	253	
	6,503,787 в1	1/2003	Choi	438	214	

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FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER PUBLICATION COUNTRY CLASS SUBCLASS TRANSLATION DATE YES/NO 0 186 855 A2 7/1986 ΕP 0 364 769 04/1990 ΕP 0 463 373 01/1992 ΕP 0 528 302 A1 02/1993 ΕP 0 585 601 A1 03/1994 ΕP 0 764 985 A2 03/1997 ΕP 0 883 184 A2 12/1998 ΕP 0 920 057 A2 06/1999 ΕP 1 193 758 A1 4/2002 ΕP 1 202 353 A1 5/2002 ΕP 2 486 717 1/1982 FR

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	02-046762	02/1990	JР			abstract
	/ 02-237038	09/1990	JP			abstract
1	04-028092	1/1992	JP			abstract
	10-256398	9/1998	JР			abstract
1	58-190064	11/1983	JР			abstract
	61-147551	7/1986	JР			abstract
	63-129647 A	06/1988	JР			abstract
	00/44012	07/2000	WO			abstract
1	98/21734	05/1998	WO			abstract
1	98/57373	12/1998	WO			abstract

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	FILING DATE August 7, 2003	group 2814	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

)	Blythe, et al., "Layout Reconstruction of Complex Silicon Chips," IEEE Journal of Solid-State Circuits, Vol. 28, No. 2, pp. 138-145 (February 1993).	
	Frederiksen, Thomas M., "Standard Circuits in the New CMOS Era," Intuitive CMOS Electronics, Revised Edition, pp. 134-146 (January 1989).	
J	Hodges and Jackson, Analysis and Design of Digital Integrated Circuits, 2nd edition, McGraw-Hill, page 353 (1988).	
J	/IBM_TDB, "Double Polysilicon Dynamic Memory Cell with Polysilicon Bit Line," Vol. 21, Issue No. 9, pp. 3828-3831 (February 1979).	
)	IBM_TDB, "Static Ram Double Polysilicon Process," Vol. 23, Issue No. 8 pp. 3683-3686 (January 1981).	
J	Larson, L.E., et al., "Microactuators for GaAs-based Microwave Integrated Circuits," <i>IEEE</i> , pp. 743-746 (1991).	
	Lee, "Engineering a Device for Electron-Beam Probing," <i>IEEE Design and Test of Computers</i> , pp. 36-49 (June 1989).	
	Ng, K.K., Complete Guide to Semiconductor Devices, McGraw-Hill, Inc., pp 164-165 (1995).	
)	Sze, S.M., <i>VLSI Technology</i> , McGraw-Hill, pp. 99, 447, 461-465 (1983).	
	Sze, S.M., ed., "Silicides for Gates and Interconnections," VLSI Technology, McGraw-Hill, pp. 372-380 (1983).	

EXAMINER	DATE CONSIDERED